

(FILE 'HOME' ENTERED AT 11:18:13 ON 02 APR 2004)

FILE 'BIOSIS, MEDLINE, CAPLUS, JICST-EPLUS, SCISEARCH, LIFESCI' ENTERED  
AT 11:19:59 ON 02 APR 2004

L1 257557 S CAROTENOID? OR LUTEIN? OR CAROTENE? OR XANTHOPHYLL?  
L2 2603 S L1 (S) (ALBUMIN OR CASEIN? OR GELATIN? OR PEPTONE OR HEMOGLOB  
L3 636 S L2 AND (METAL ION? OR METAL SALT? OR MAGNESIUM? OR MANGANESE  
L4 144 S L2 AND (METAL ION? OR METAL SALT? OR MAGNESIUM? OR MANGANESE  
L5 1 S L4 AND (THF OR TETRAHYDROFURAN OR METHANOL OR ETHANOL OR PRO  
L6 16 S L3 AND (THF OR TETRAHYDROFURAN OR METHANOL OR ETHANOL OR PRO  
L7 11 DUP REM L6 (5 DUPLICATES REMOVED)  
L8 602 S ISOPRENOID? (S) (METAL ION? OR METAL SALT? OR MAGNESIUM? OR M  
L9 11 S L8 AND (THF OR TETRAHYDROFURAN OR METHANOL OR ETHANOL OR PRO  
L10 8 DUP REM L9 (3 DUPLICATES REMOVED)  
L11 119343 S (CAROTENOID? OR CAROTENE? OR CAROTENAL? OR CRYPTOXANTHIN OR L  
L12 3256 S L11 AND (THF OR TETRAHYDROFURAN OR METHANOL OR ETHANOL OR PRO  
L13 631 S L12 AND (PROTEIN? OR CASEIN? OR ALBUMIN OR GELATIN? OR PEPTON  
L14 194 S L13 AND (METAL ION? OR METAL SALT? OR MAGNESIUM? OR MANGANESE  
L15 140 DUP REM L14 (54 DUPLICATES REMOVED)  
L16 0 S L15 AND (PROTIEN-BOUND? OR PROTEIN-BIND? OR CAROTEINOID-PROTE  
L17 973 S L1 AND (PROTEIN-BOUND? OR PROTEIN BOUND? OR PROTEIN-BIND? OR  
L18 129 S L17 AND (METAL ION? OR METAL SALT? OR MAGNESIUM? OR MANGANES  
L19 103 DUP REM L18 (26 DUPLICATES REMOVED)  
L20 1 S L19 AND (THF OR TETRAHYDROFURAN OR METHANOL OR ETHANOL OR PR  
L21 1 S L20 AND (PROTEIN? OR CASEIN? OR ALBUMIN OR GELATIN? OR PEPTO

## WEST Search History

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DATE: Friday, April 02, 2004

<u>Hide?</u>	<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit Count</u>
			<i>DB=PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L37	20020301		7
<input type="checkbox"/>	L36	L35 and (metal ion or calcium or magnesium or manganese or potassium or iron or ferrous)		57
<input type="checkbox"/>	L35	l29 same (THF or isopropanol or isopropyl alcohol or methanol or ethanol or tetrahydrofuran or propylene glycol or methylene chloride)		72
<input type="checkbox"/>	L34	carotenoid\$1protein or caroten\$3protein or lutein\$1protein or lycopene\$1protein (protein\$1bound or protein\$1bind\$3) near5 (carotene or carotenoid or xanthophyll or lutein or lycopene or actinioerythrol or astaxanthin or bixin or canthaxanthin or capsanthin or capsorubin or violerythrin or zeaxanthin or carotenal or paprika oleoresin)		5
<input type="checkbox"/>	L33	L31 and (metal ion or calcium or magnesium or manganese or potassium or iron or ferrous)		1
<input type="checkbox"/>	L32	L30 and (THF or isopropanol or isopropyl alcohol or methanol or ethanol or tetrahydrofuran or propylene glycol or methylene chloride)		587
<input type="checkbox"/>	L31	L29 and (THF or isopropanol or isopropyl alcohol or methanol or ethanol or tetrahydrofuran or propylene glycol or methylene chloride) (protein or proteinaceous or noctoferrine or albumin or casin or gelatin\$1 or peptone or hemoglobin or haemoglobin or lactoglobulin or protein or zein or glutin or gliadin or soy\$2bean or soy or tubulin or actin or whey or oat flour or whey or kunitz or bowman\$1birk or milk or corn germ or proteinase inhibitor or meat or bovine or chicken or vegetable) same 126		696
<input type="checkbox"/>	L29	L27 and (protein or proteinaceous or noctoferrine or albumin or casin or gelatin\$1 or peptone or hemoglobin or haemoglobin or lactoglobulin or protein or zein or glutin or gliadin or soy\$2bean or soy or tubulin or actin or whey or oat flour or whey or kunitz or bowman\$1birk or milk or corn germ or proteinase inhibitor or meat or bovine or chicken or vegetable)		1026
<input type="checkbox"/>	L28	L26 and (THF or isopropanol or isopropyl alcohol or methanol or ethanol or tetrahydrofuran or propylene glycol or methylene chloride) (carotene or carotenoid or xanthophyll or lutein or lycopene or actinioerythrol or astaxanthin or bixin or canthaxanthin or capsanthin or capsorubin or violerythrin or zeaxanthin or carotenal or paprika oleoresin)		1780
<input type="checkbox"/>	L27	L23 and (THF or isopropanol or isopropyl alcohol or methanol or ethanol or tetrahydrofuran or propylene glycol or methylene chloride)		1891
<input type="checkbox"/>	L26	L23 same (THF or isopropanol or isopropyl alcohol or methanol or ethanol or tetrahydrofuran or propylene glycol or methylene chloride)		2662
		L21 same (metal ion or calcium or magnesium or manganese or potassium or		
		<i>DB=USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L25	L23 and (THF or isopropanol or isopropyl alcohol or methanol or ethanol or tetrahydrofuran or propylene glycol or methylene chloride)		250
<input type="checkbox"/>	L24	L23 same (THF or isopropanol or isopropyl alcohol or methanol or ethanol or tetrahydrofuran or propylene glycol or methylene chloride)		62

<input type="checkbox"/>	L23 iron or ferrous)	652
<input type="checkbox"/>	L22 L21 and (metal ion or calcium or magnesium or manganese or potassium or iron or ferrous) L17 same (protein or proteinaceous or noctoferrine or albumin or casin or gelatin\$1 or peptone or hemoglobin or haemoglobin or lactoglobulin or protein	1472
<input type="checkbox"/>	L21 or zein or gluten or gliadin or soy\$2bean or soy or tubulin or actin or whey or oat flour or whey or kunitz or bowman\$1birk or milk or corn germ or proteinase inhibitor or meat or bovine or chicken or vegetable)	2911
<input type="checkbox"/>	L19 and (metal ion or calcium or magnesium or manganese or potassium or iron or ferrous)	2302
<input type="checkbox"/>	L18 and (THF or isopropanol or isopropyl alcohol or methanol or ethanol or tetrahydrofuran or propylene glycol or methylene chloride) L17 and (protein or proteinaceous or noctoferrine or albumin or casin or gelatin\$1 or peptone or hemoglobin or haemoglobin or lactoglobulin or protein	2853
<input type="checkbox"/>	L18 or zein or gluten or gliadin or soy\$2bean or soy or tubulin or actin or whey or oat flour or whey or kunitz or bowman\$1birk or milk or corn germ or proteinase inhibitor or meat or bovine or chicken or vegetable) carotene or carotenoid or xanthophyll or lutein or lycopene or actinioerythrol or	5851
<input type="checkbox"/>	L17 astaxanthin or bixin or canthaxanthin or capsanthin or capsorubin or violerythrin or zeaxanthin or carotenal or paprika oleoresin or epi\$1lutien or echinenone or iso\$1bixin carotene or carotenoid or xanthophyll or lutein or lycopene or actinioerythrol or	10286
<input type="checkbox"/>	L16 astaxanthin or bixin or canthaxanthin or capsanthin or capsorubin or violerythrin or zeaxanthin or carotenal or paprika oleoresin or epi\$1lutien or echinenone or iso\$1bixin	10284
<input type="checkbox"/>	L15 L14 and (THF or isopropanol or isopropyl alcohol or methanol or ethanol or tetrahydrofuran or propylene glycol or methylene chloride) L13 and (noctoferrine or albumin or casin or gelatin\$1 or peptone or hemoglobin	30
<input type="checkbox"/>	L14 or haemoglobin or lactoglobulin or protein or zein or gluten or gliadin or soy\$2bean or soy or tubulin or actin or whey or oat flour or whey or kunitz or bowman\$1birk)	39
<input type="checkbox"/>	L13 L12 and (metal ion or calcium or magnesium or manganese or potassium or iron or ferrous) (protein\$1bound or protein\$1bind\$3) and (carotene or carotenoid or xanthophyll or lutein or lycopene or actinioerythrol or astaxanthin or bixin or canthaxanthin or capsanthin or capsorubin or violerythrin or zeaxanthin or carotenal or paprika oleoresin)	39
<input type="checkbox"/>	L12 (protein\$1bound or protein\$1bind\$3) near5 (carotene or carotenoid or xanthophyll or lutein or lycopene or actinioerythrol or astaxanthin or bixin or canthaxanthin or capsanthin or capsorubin or violerythrin or zeaxanthin or carotenal or paprika oleoresin)	42
<input type="checkbox"/>	L10 carotenoid\$1protein or caroten\$3protein or lutein\$1protein or lycopene\$1protein	14
<input type="checkbox"/>	L9 L8 and (THF or isopropanol or isopropyl alcohol or methanol or ethanol or tetrahydrofuran or propylene glycol or methylene chloride)	8
<input type="checkbox"/>	L8 L6 and (carotenoid or carotein or lutein or lycopene)	8
<input type="checkbox"/>	L7 L6 and protein	28

<input type="checkbox"/>	L6	isoprenoid same (metal ion or calcium or magnesium or manganese or potassium or iron or ferrous)	44
<input type="checkbox"/>	L5	L4 or l2	4
<input type="checkbox"/>	L4	us-4699664-\$ did.	2
<input type="checkbox"/>	L3	us-46999664-\$ did.	0
<input type="checkbox"/>	L2	us-5510551-\$ did.	2
<input type="checkbox"/>	L1	us-6075058-\$ did.	2

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<input type="checkbox"/>	L31	L29 and (THF or isopropanol or isopropyl alcohol or methanol or ethanol or tetrahydrofuran or propylene glycol or methylene chloride) (protein or proteinaceous or noctoferrine or albumin or casin or gelatin\$1 or peptone or hemoglobin or haemoglobin or lactoglobulin or protein or zein or gluten or gliadin or soy\$2bean or soy or tubulin or actin or whey or oat flour or whey or kunitz or bowman\$1birk or milk or corn germ or proteinase inhibitor or meat or bovine or chicken or vegetable) same l26	696
<input type="checkbox"/>	L29	L27 and (protein or proteinaceous or noctoferrine or albumin or casin or gelatin\$1 or peptone or hemoglobin or haemoglobin or lactoglobulin or protein or zein or gluten or gliadin or soy\$2bean or soy or tubulin or actin or whey or oat flour or whey or kunitz or bowman\$1birk or milk or corn germ or proteinase inhibitor or meat or bovine or chicken or vegetable)	1026
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